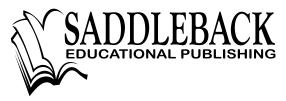
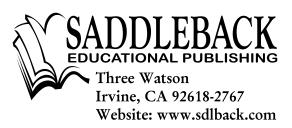


Alexander Graham Bell



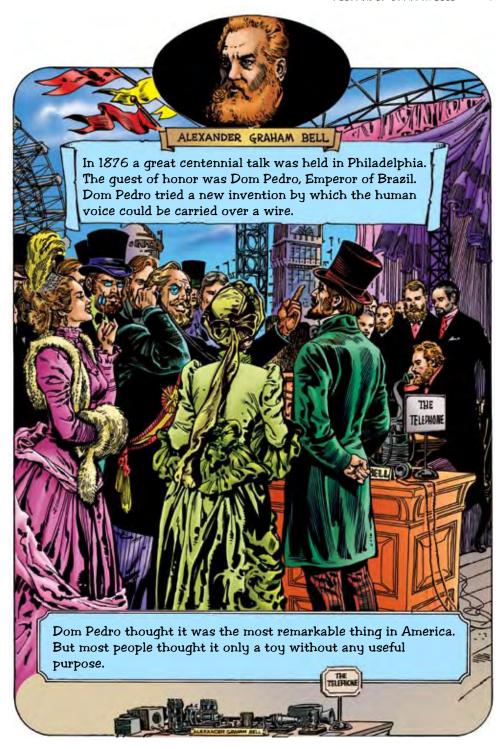


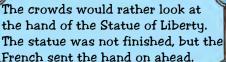
Saddleback's Graphic Biographies



Copyright © 2008 by Saddleback Educational Publishing
All rights reserved. No part of this book may be reproduced in any form or by any
means, electronic or mechanical, including photocopying, recording, or by any
information storage and retrieval system without the written permission of the
publisher.

ISBN-10: 1-59905-213-X ISBN-13: 978-1-59905-213-7 eBook: 978-1-60291-576-3

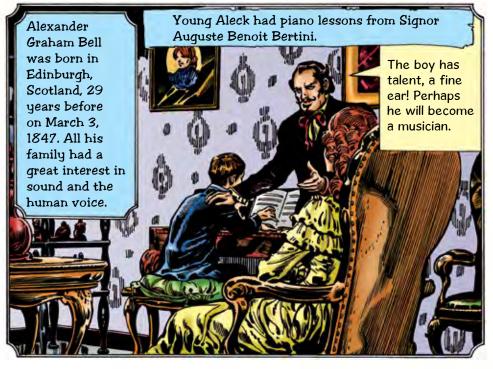




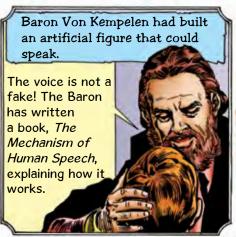


Or the Corliss engine, the greatest steam engine ever built.

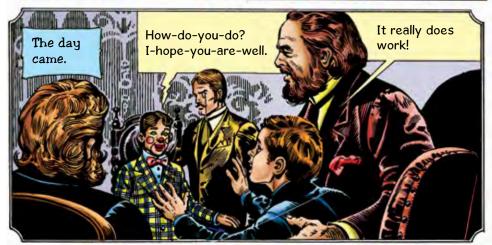






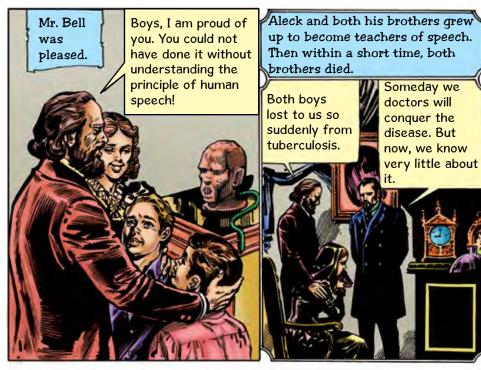








^{*} a tough plastic substance from the latex of several Malaysian trees that resembles rubber





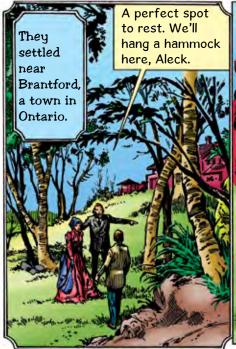
As a young man, I was sent to Newfoundland to recover my health. It was a fine place, fine air. I was cured! We must take Aleck there at once.



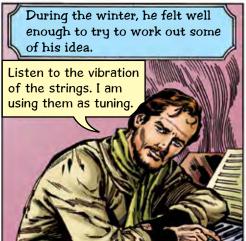


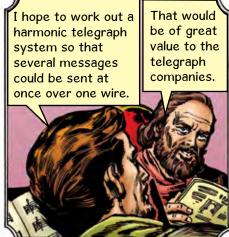
They reached Quebec on August 1, 1870.

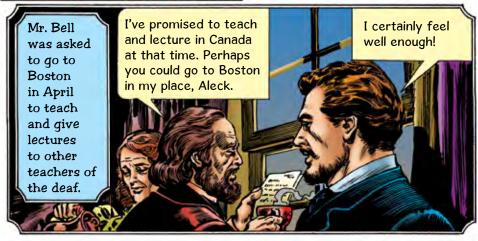




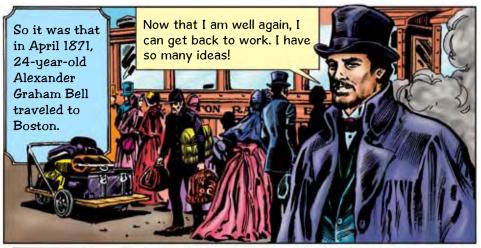




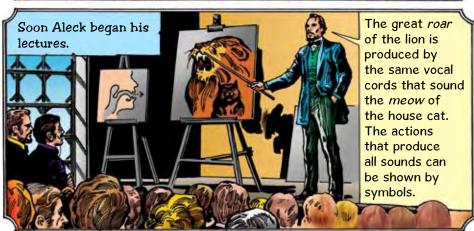


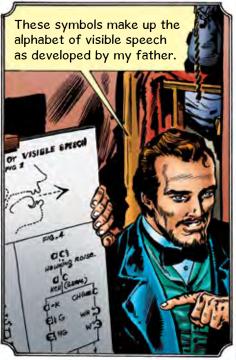






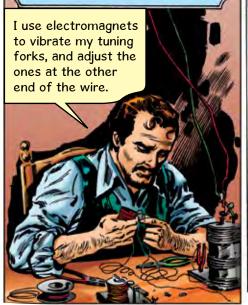








But he spent his nights working on his own experiments in an attic.



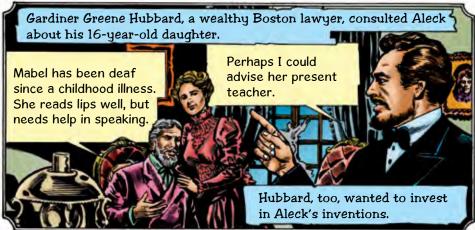
One day he spoke of his inventions to Thomas Sanders, the father of one of his pupils.

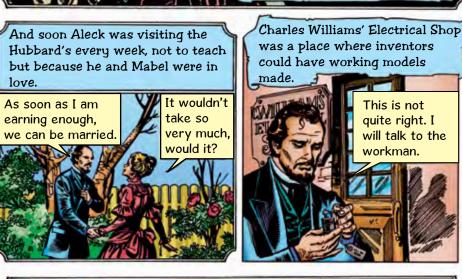
Western Union would pay a lot for such a device! If you need money for your experiments, I'll be glad to back you.

Yes, sir! Right now I need money to have models made, in order to apply for a patent.

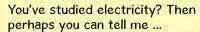


Thomas Sanders became one of Aleck's chief backers.









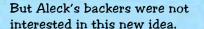




Soon they
were spending
most evenings
together
working
to perfect
Aleck's
multiple
telegraph in
the attic over
Williams'
shop.







No, my boy, forget this telephone idea. Hurry and patent your multiple telegraph before someone else beats you to it!

Mr. Hubbard felt the same.

Your father thinks my telephone idea is foolish. If I stick with it, he may forbid us to marry!

No one can prevent two people from marrying if they want to badly

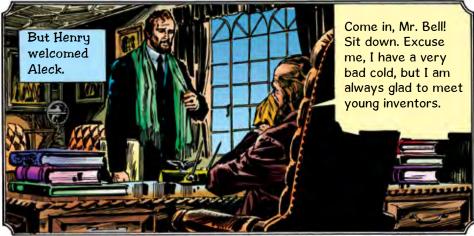
enough!

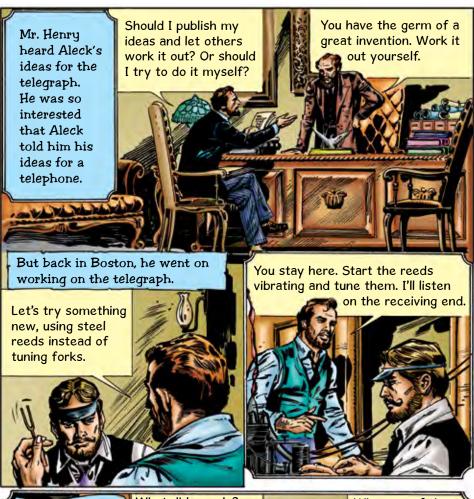
on March 6, 1875, applied for a patent

So Aleck went to Washington and on March 6, 1875, applied for a patent on his telegraph instrument. Then he visited the Smithsonian Institution.

I have a letter
of introduction
to Joseph Henry,
the director. But
perhaps such a
great scientist won't
bother to see me.









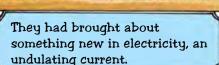
But that's it—what we need for the telephone! I heard a current that varies and undulates like sound waves of a human voice!



They repeated it over and over with the same results.

You hear? It's like a voice without words!

There's no doubt of it!



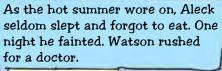
Could you make-up some simple models tomorrow, like this? We can mount a small drumhead.

That shouldn't be hard to do.

Much work lay ahead.
Aleck gave up his classes for awhile.
Watson gave up his other work. They tested one model after another.



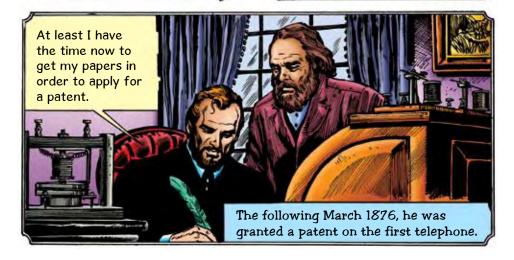


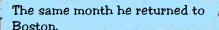




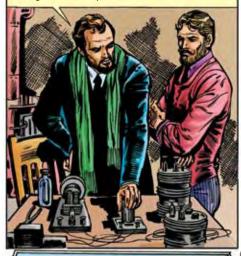
He rested and thought out his problems.



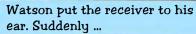




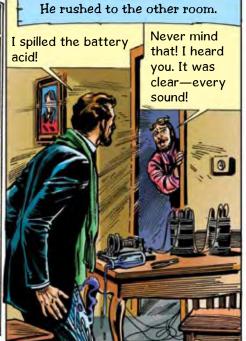
I have a new idea to try: a battery to give more power to the voice.



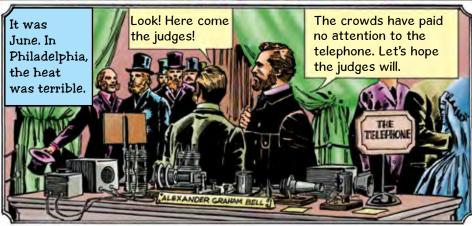






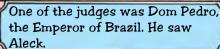










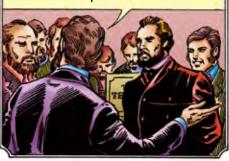


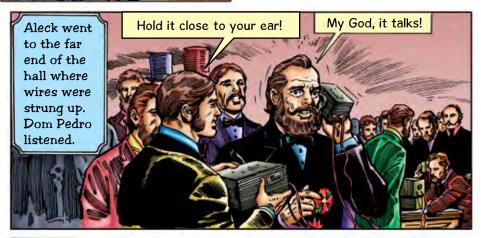
Why, Mr. Bell! I met you in Boston. What are you showing here?

a telephone. But tonight I must return to Boston.

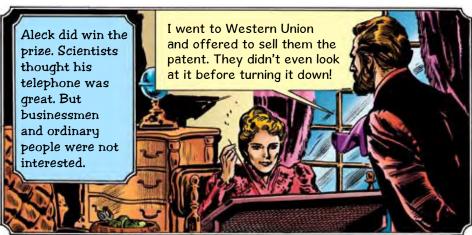


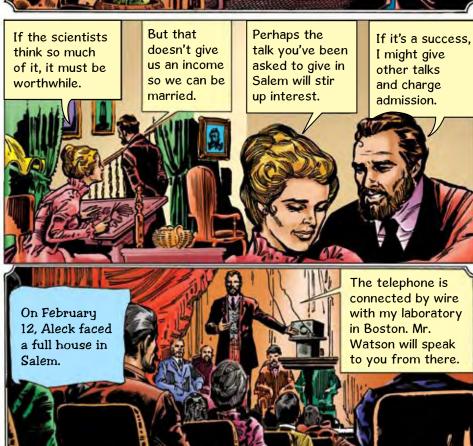
Then we must see it now! Lord Kelvin, Mr. Henry, there is one more exhibit we must see today, Mr. Bell's telephone.











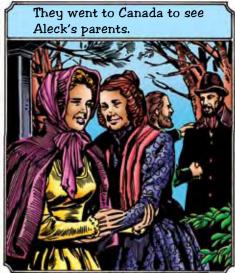




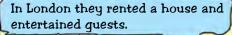








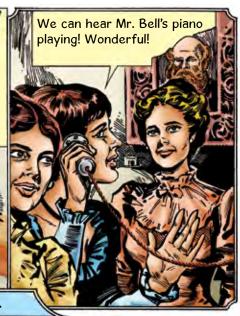




Could we hear your telephone?

We have a wire strung up below, between here and my study.

If you will go with Mabel ...



Mabel took care of all the letters.

The Society of Arts asks you to give another talk, the first was so successful.



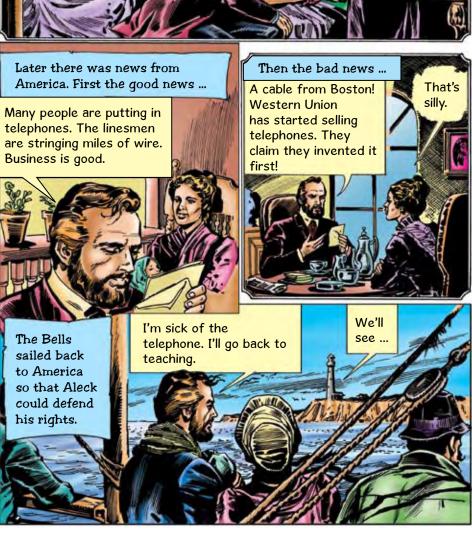
They want you to show the telephone at the Crystal Palace, fifty thousand people might see it!



Oh, Aleck! You are invited to show the telephone to Queen Victoria!

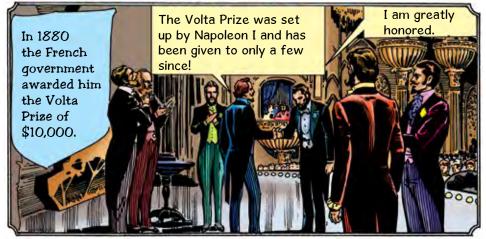


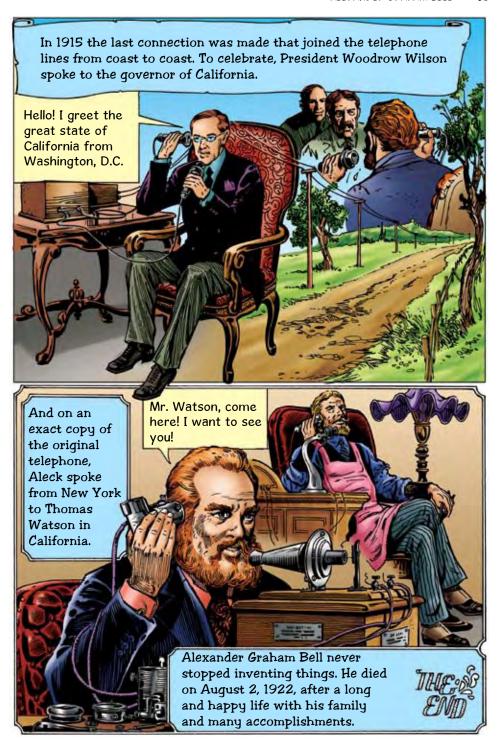














TITLES IN THIS SERIES -

The Beatles Alexander Graham Bell Daniel Boone Davy Crockett Marie Curie Walt Disney Amelia Earhart Thomas Edison Albert Einstein Benjamin Franklin Houdini Thomas Jefferson Martin Luther King Jr. Abraham Lincoln Charles Lindbergh Elvis Presley Jackie Robinson Franklin D. Roosevelt Babe Ruth George Washington



Saddleback eBook